Application: 10/774,594 Docket: SVL920030104US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 37 CFR 1.132 DECLARATION

INVENTORS:

Zhang et al.

TITLE:

Efficient XML Schema Validation of XML Fragments Using Annotated Automation

Automator

DOCKET NUMBER:

SVL920030104US1

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

As a below named inventor, I hereby declare that:

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled Efficient XML Schema Automation 6.3.

Validation of XML Fragments Using Annotated Automation Encoding the specification of which was filed as application 10/774, 594 on February 10, 2004.

I also hereby declare that the work described in the publication titled "An Efficient XML Schema Typing System", authored by Wang et al., is my own work. Peter Housel and Michael Franz, listed as authors in the above-referenced publication, merely helped with the review of related work and writing.

Application: 10/774,594 Docket: SVL920030104US1

Full Name of first joint-inventor:

Guogen Zhang

Residence:

Citizenship: China

5614 Calmor Ave, #4, San Jose, CA 95123 6670 TRADITION CT, SAN JOSE, CA95120

Post Office Address: Same as above

Date: 1/9/2007 Signature: 450

Full Name of second joint-inventor: Fen-Ling Lin

1357 Mansion Court, San Jose, CA 95120 Residence:

Citizenship: United States

Post Office Address: Same as above

Date: 1/9/2007 Signature: Fin City City

Full Name of third joint-inventor: Yao-Ching Stephen Chen

13056 Via Escuela Court, San Jose, CA 95070 United States Residence:

Citizenship: United States

Post Office Address: Same as above

Date: 1-9-2007 Signature: You on Steple On

DOCKEL: 5VL92003010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 37 CFR L132 DECLARATION

INVENTORS:

Zhang et al.

TITLE:

Efficient XML Schema Validation of XML Fragments Using Annotated Automation

Encoding

DOCKET NUMBER:

SVI.920030104US1

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

As a below named inventor, I hereby declare that:

I believe I am an original, first and joint inventor of the subject matter which is

claimed and for which a patent is sought on the invention entitled Efficient XML Schema

Validation of XML Fragments Using Annotated Automation Encoding the specification

of which was filed as application 10/774, 594 on February 10, 2004.

I also hereby declare that the work described in the publication titled "An

Efficient XML Schema Typing System", authored by Wang et al., is my own work.

Peter Housel and Michael Franz, listed as authors in the above-referenced publication,

merely helped with the review of related work and writing. Further, the invention was

developed with Guogen Zhang during my internship at IBM.

Page 1 of 2

Application: 10/774,594 Docket: SVL920030104US1

Full Name of fourth joint-inventor: Ning Wang

Residence: 5623 Verano Place, Irvine, CA 92612

Citizenship: China

Post Office Address: Same as above